

OPINION 1803

***Robulina nodosa* Reuss, 1863 (currently *Lenticulina nodosa*; Foraminiferida): neotype confirmed as the name-bearing type**

Keywords. Nomenclature; taxonomy; Foraminiferida; Cretaceous; *Lenticulina nodosa*.

Ruling

(1) It is hereby confirmed that the neotype designated by Bartenstein (1974) is the name-bearing type for *Robulina nodosa* Reuss, 1863.

(2) The name *nodosa* Reuss, 1863, as published in the binomen *Robulina nodosa* and as defined by the neotype (specimen no. C 30169 in the Naturhistorisches Museum, Basle) designated by Bartenstein (1974), confirmed in (1) above, is hereby placed on the Official List of Specific Names in Zoology.

History of Case 2854

An application to confirm the neotype designated by Bartenstein (1974) as the name-bearing type of *Robulina nodosa* Reuss, 1863 following rediscovery of original type material was received from Drs Helen Meyn and Jürgen Vespermann (*Institut für Geowissenschaften, Technische Universität Braunschweig, Braunschweig, Germany*) on 29 June 1992. After correspondence the case was published in BZN 50: 200–201 (September 1993). Notice of the case was sent to appropriate journals.

It was noted on the voting paper that the publication by Meyn & Vespermann referred to in the application as '1993 in press' appeared in *Senckenbergiana Lethaea*, 74(1/2): 49–272 (31 August 1994).

Meyn & Vespermann (1994, pl. 29, fig. 9) refigured Reuss's (1863) original illustration of *Robulina nodosa* and (pp. 146, 148, pl. 29, figs. 10a–c) redescribed and figured the two rediscovered syntypes (nos. 974 and 345 in the Reuss collection in the Naturhistorisches Museum in Vienna). They noted that the neotype designated by Bartenstein (1974) and the syntypes were conspecific (see also para. 2 of the application).

Decision of the Commission

On 1 December 1994 the members of the Commission were invited to vote on the proposals published in BZN 51: 200. At the close of the voting period on 1 March 1995 the votes were as follows:

Affirmative votes — 22: Bayer, Bock, Bouchet, Cocks, Corliss, Hahn, Heppell, Holthuis, Kabata, Kraus, Lehtinen, Macpherson, Martins de Souza, Minelli, Nielsen, Nye, Ride, Savage, Schuster, Štys, Thompson, Willink

Negative votes — 3: Dupuis, Halvorsen and Mahnert.

No votes were received from Cogger, Starobogatov, Trjapitzin and Uéno.

Voting for, Bouchet commented: 'I favour the retention of the neotype because Meyn & Vespermann's (1994, pl. 29, fig. 10) illustrations of a syntype of *Robulina nodosa* show that the aperture is broken and this is an important character in

lenticulinid foraminiferans'. Voting against, Mahnert commented: 'Since conspecificity between the neotype and syntypes can be established without problems, I see no reason to retain the neotype; the original description and type material seem sufficient to characterize the species'.

Original references

The following is the original reference to the name placed on an Official List by the ruling given in the present Opinion:

nodosa, *Robulina*, Reuss, 1863, *Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften, Mathematisch-Naturwissenschaftliche Classe*, **46**(1): 78.

The following is the reference for the designation of the neotype of *Robulina nodosa* Reuss, 1863:

Bartenstein, H. 1974. *Eclogae Geologicae Helvetiae*, **67**: 540.